Lu Jin

Marie Curie Researcher

Fraunhofer FIT, Germany

PhD Candidate at University of Siegen, Germany

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Research Interest

Human-computer Interaction, human-AI interaction, design research, hybrid intelligence

Education

University of Siegen / Fraunhofer, Nordrhein-Westfalen, Germany, 2021-present
Doctor of Philosophy, PhD
Thesis: "*Walking across the bridge: designing human-centered AI-driven applications in smart homes.*"

University of Texas at Austin, Texas, United States, 2018-2020
Master of Science in Information
Thesis: *"Cheated by Deepfakes? Deepfakes Detection Ability, Emotional Response, and Ethical Implications"*

Harvard University, Massachusetts, United States, Summer 2019
Visiting Student
Summer Course Advanced User Experience Engineering

Shanghai Jiao Tong University, Shanghai, China, 2010-2013
Master of Art in Design

University of California, Los Angeles, United States, Summer 2012
Visiting Student
Summer Course Art of Photography

Shanghai Jiao Tong University, Shanghai, China, 2007-2010
Minor Bachelor of Law

Shanghai Jiao Tong University, Shanghai, China, 2006-2010
Bachelor of Engineering in Industrial Design

Experience

Marie Curie Research Fellow, *Aug 2021 - Present*
Fraunhofer Institute for Applied Information Technology, Germany
& MSCA GECKO ITN funded by EU

Visiting Scholar, *May 2023 - June 2023*
University of Strathclyde, Glasgow, United Kingdom

Visiting Scholar, *Jun 2022 - Aug 2022*
Agents.INC, Berlin, Germany

Visiting Scholar, *Feb 2023*
Plegma Labs, Athens, Greece

Web Designer (Remote), *May 2020 - Jul 2021*
Kids' Choice, Texas, United States
• Designed overall website system, draw all of the illustrations and icons.

User Experience Designer, *Jan 2016 - Nov 2016*
SAP Labs, Shanghai, China
• Worked in a Lumira team to develop business data visualization chart to support different business software.

Interaction Designer / Product Designer , *Jun 2014 - Jan 2016*
JD.com, Shanghai, China
• Initiated and led designing 8 data products including Android/iOS and website to help different departments to monitor e-commerce operation data.
• Delivered wireframes, interaction flow and design specification to improve end to end user experience. Cooperated with user research team on various projects to uncover problems and discover opportunities to inform design recommendations for future projects.

User Experience Engineer / Design Lead , *Mar 2013 - Jun 2014*
eBaotech Shanghai, China
• Built design system for internal eBaoCloud platform.
• Led 2 design interns to support UX design tasks for other insurance products.

Use Experience Designer Intern, *Nov 2011 - Mar 2013*
SAP Labs, Shanghai, China
• Built user interface and business workflow for SAP ByDesign business software.
• Participated in the usability testing for supply chain and finance modules.

Publications

1. **Lu Jin**, and Alexander Boden. "The design space of building user-centered AI user interfaces for smart heating systems." User-centered AI 2023 workshop collocated the Mensch und Computer 2023 Conference, Zurich, Switzerland.[PDF]
2. **Lu Jin**, and Alexander Boden. "Review on the Application Areas of Decision-Making Algorithms in Smart Homes." HHAI 2023: Augmenting Human Intellect. IOS Press, 2023. 74-92. [PDF]
3. **Lu Jin**, Alexander Boden, and Md Shajalal, "Automated Decision Making Systems in Smart Homes: A Study on User Engagement and Design", AutomationXP22: Engaging with Automation collocated the ACM CHI Conference on Human Factors in Computing Systems 2022, New Orleans, LA, [PDF]
4. **Lu Jin**. "ihealth: Digital health in pre-medical and after-medical care of a health journey." Poster, Texas, Austin, Aging and Health Informatics Conference, 2019. [PDF]

5. **Lu Jin**. "The conflict resolution in product experience design based on evaporating cloud of the theory of constraints." Design, User Experience, and Usability: Design Discourse: 4th International Conference, DUXU 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2–7, 2015, Proceedings, Part I. Springer International Publishing, 2015. [PDF]

Scholarship and awards

1. **Marie Sklodowska Curie Fellowship,** Awarded by European Union for PhD research under GECKO Project, a H2020 Marie Sklodowska Curie Action (MSCA) ITN at Fraunhofer FIT, Germany, *Nov 2021 – Oct 2024*
2. **Shanghai Jiao Tong University Scholarship** (5/124), *2010, 2011, 2012*
3. **Sliver UPA User Experience National Competition**, User Researcher (6/245), *2012*

Research Trainings

1. GECKO Winter School 2021, hosted by University of Strathclyde, Glasgow, UK
2. GECKO Summer School 2022, hosted by Fraunhofer FIT, Germany
3. GECKO Winter School 2023, hosted by Aalborg University, Copenhagen